

CLEAN SET OF CLAIMS

1. An isolated polynucleotide comprising a nucleotide sequence selected from the group consisting of SEQ ID NO: 6 or a mature protein coding portion of SEQ ID NO: 6.
2. An isolated polynucleotide encoding a polypeptide with biological activity, wherein said polynucleotide has greater than about 99% sequence identity with the polynucleotide of claim 1.
3. The polynucleotide of claim 1 wherein said polynucleotide is DNA.
4. An isolated polynucleotide of claim 1 wherein said polynucleotide comprises the complementary sequences.
5. A vector comprising the polynucleotide of claim 1.
6. An expression vector comprising the polynucleotide of claim 1.
7. A host cell genetically engineered to comprise the polynucleotide of claim 1.
8. A host cell genetically engineered to comprise the polynucleotide of claim 1 operatively associated with a regulatory sequence that modulates expression of the polynucleotide in the host cell.
21. A collection of polynucleotides, wherein the collection comprises the sequence information of SEQ ID NO: 6.